

## REMARKS/ARGUMENTS

### **Introduction:**

Claims 46 and 57 were amended to correct a typographical error and clarify the claims. Neither claim was amended for patentability reasons. In addition, paragraphs [0030], [0039], [0044], [0045], [0046], [0064], [0068], and [0069] were amended. Claims 2-4, 6, 7, 9-25, 39, 43, 45-54, and 56-62 remain pending in the application. (Claims 1, 5, 8, 26-38, 40-42, 44, and 55 were previously canceled.) Applicant respectfully requests reexamination and reconsideration of the application.

### **Objections To The Specification:**

The disclosure has been objected to on various grounds. Applicant has amended paragraphs [0030], [0039], [0044], [0045], [0046], [0064], [0068], and [0069], which addresses all of the Examiner's concerns regarding those paragraphs. Moreover, Applicant has amended those paragraphs as directed by the Examiner in the Office Action.

Applicant has carefully considered the Examiner's request regarding the generic reference "90." Reference "90" refers, however, to a transmission line, which in the example shown in Figures 11 and 12 is the same in each integrated circuit 86. Because the transmission line is generic in the example illustrated in Figures 11 and 12, a generic reference "90" is appropriate. Therefore, Applicant believes that the generic reference "90" should remain in the drawings and the specification.

### **Objections To The Drawings:**

Figure 9 and Figure 15 have been objected to. Again, after carefully considering the Examiner's objections to those figures, Applicant believes that Figures 9 and 15 are correct and request that the objections to the drawings be withdrawn. In Figure 9, the electromagnetic couplers 62 are not visible and therefore not shown. The description of Figure 15 in the specification was amended in Amendments dated August 21, 2004 and March 22, 2004 and no longer includes references to labels "112" and "118." Therefore, Figure 15 is consistent with its description in the specification. Thus, Applicant respectfully traverses the objection to the drawings and ask that those objections be withdrawn.

**Objections To Claims:**

Claims 46 and 57 were objected to. Applicant has amended those claims to address the Examiner's concerns and believe that the objections have been overcome.

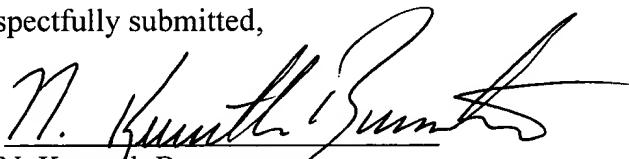
**Information Disclosure Statements:**

As a final note, Applicants submitted two Information Disclosure Statements that have not been initialed and returned: (1) an Information Disclosure Statement citing three references and received by the PTO on April 1, 2003; and (2) an Information Disclosure Statement citing two references and received by the PTO on September 29, 2003. Applicants have enclosed a copy of each of these Information Disclosure Statements and ask that the listing of references in each Information Disclosure Statement be initialed and returned.

**Conclusion:**

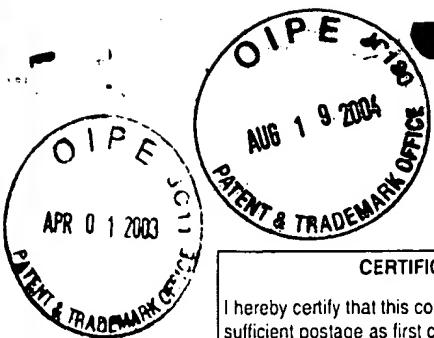
In view of the foregoing, Applicant submits the application is in condition for allowance. If the Examiner believes that a discussion with Applicant's attorney would be helpful, the Examiner is invited to contact the undersigned at (801) 323-5934.

Respectfully submitted,

By   
N. Kenneth Burraston  
Reg. No. 39,923

Date: August 16, 2004

Kirton & McConkie  
1800 Eagle Gate Tower  
60 East South Temple  
P.O. Box 45120  
Salt Lake City, Utah 84111-1004  
Telephone: (801) 323-5934  
Fax: (801) 321-4893

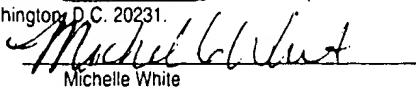


PATENT

Attorney Docket No.: P147-US

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on March 24, 2003 in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Michelle White

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Charles A. Miller  
Application No.: 09/851,566  
Filing Date: May 8, 2001  
For: ELECTROMAGNETICALLY COUPLED  
INTERCONNECT SYSTEM  
ARCHITECTURE

Examiner: D. Cathey  
Group Art Unit: 2817

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). A copy of each listed publication, U.S. and foreign patent document, and pending U.S. application (including drawings and claims), is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

PATENT  
Attorney Docket No.: P147-US

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

(1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))  
-- OR --

(2) It is being filed within 3 months of entry of a national stage  
-- OR --

(3) It is being filed before the mail date of the first Office Action on the merits  
-- OR --

(4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

a statement as specified in §1.97(e) is provided below; **or**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

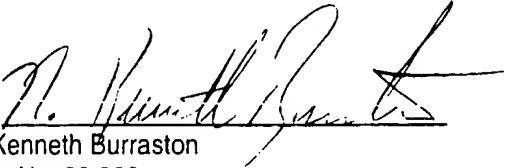
A. a statement as specified in §1.97(e) is provided below; **and**

B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

PATENT  
Attorney Docket No.: P147-US

*Fee Authorization.* Although Applicants believe that no additional fee is due in connection with the filing of this paper, the Commissioner is hereby authorized to charge any additional fees due, or credit any overpayment associated, with this communication to Deposit Account No. 50-0285 (Order No. P147-US).

Respectfully submitted,

By:   
N. Kenneth Burraston  
Reg. No. 39,923

Date: March 24, 2003

FormFactor, Inc.  
Legal Department  
2140 Research Drive  
Livermore, CA 94550  
Telephone: (925) 294-4300

PATENT  
Attorney Docket No.: P147-US

**STATEMENT**

(Attachment to Information Disclosure Statement)

- 37 C.F.R. §1.97(e)(1). APPLICANT'S UNDERSIGNED ATTORNEY HEREBY STATES THAT each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement; or
- 37 C.F.R. §1.97(e)(2). APPLICANT'S UNDERSIGNED ATTORNEY HEREBY STATES THAT no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

Respectfully submitted,

Date: March 24, 2003

By: N. Kenneth Burraston  
N. Kenneth Burraston  
Reg. No. 39,923

FormFactor, Inc.  
Legal Department  
2140 Research Drive  
Livermore, CA 94550  
Telephone: (925) 294-4300



Modified Form PTO/SB/08A

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete If Known	
(use as many sheets as necessary)		Application Number	09/851,566
		Filing Date	May 8, 2002
		First Named Inventor	Charles A. Miller
		Group Art Unit	2817
		Examiner Name	D. Cathey
Sheet	1	of	1
		Attorney Docket No.	
		P147-US	

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**Examiner**

Date

**Signature**

### **3. Considered**

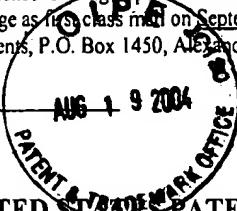
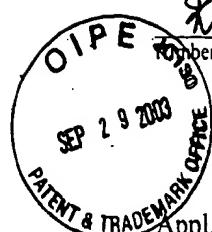
XAMINER Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicants to place a check mark here if English language Translation is attached.

**CERTIFICATE OF MAILING**

Ref. No.: 12221-016

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on September 26, 2003 in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/851,566 Confirmation No. 3229  
Applicant : Miller  
Filed : May 8, 2001  
TC/A.U. : 2817  
Examiner : B. Lee

Docket No. : P147-US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))  
-- OR --
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-- OR --
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a statement as specified in §1.97(e) is provided below; **or**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

A. a statement as specified in §1.97(e) is provided below; **and**

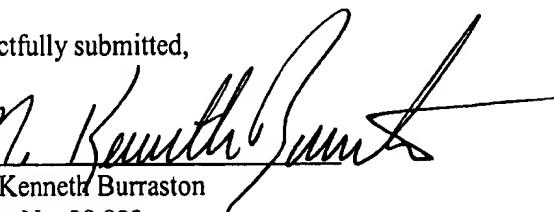
B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

*Fee:*

No fee is due.

A check in the amount of \$\_\_ for the above-identified fee(s) is enclosed.

Respectfully submitted,

By   
N. Kenneth Burraston  
Reg. No. 39,923

Date: September 26, 2003

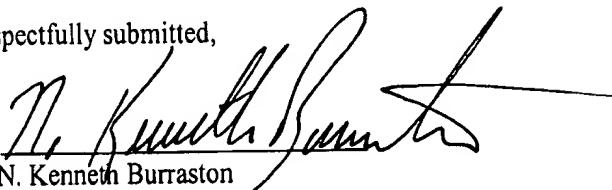
Parsons, Behle & Latimer PLC  
P.O. Box 45898  
201 South Main St., Suite 1800  
Salt Lake City, Utah 84145-0898  
Phone: (801) 536-6763  
Fax: (801) 536-6111

**STATEMENT SPECIFIED IN 37 CFR § 1.97(e)**

The undersigned states that each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement (37 CFR. §1.97(e)(1)).

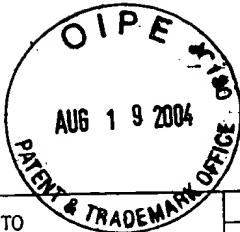
The undersigned states that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement (37 CFR. §1.97(e)(2)).

Respectfully submitted,

By   
N. Kenneth Burraston  
Reg. No. 39,923

Date: September 26, 2003

Parsons, Behle & Latimer PLC  
P.O. Box 45898  
201 South Main St., Suite 1800  
Salt Lake City, Utah 84145-0898  
Phone: (801) 536-6763  
Fax: (801) 536-6111



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket No.
				P147-US

Complete If Known

Application Number	09/851,566
Filing Date	May 8, 2001
First Named Inventor	Miller
Group Art Unit	2817
Examiner Name	B. Lee

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
	1	6559531	B1	Sutherland	05/06/2003	
	2	6600325	B2	Coates et al.	07/29/2003	

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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